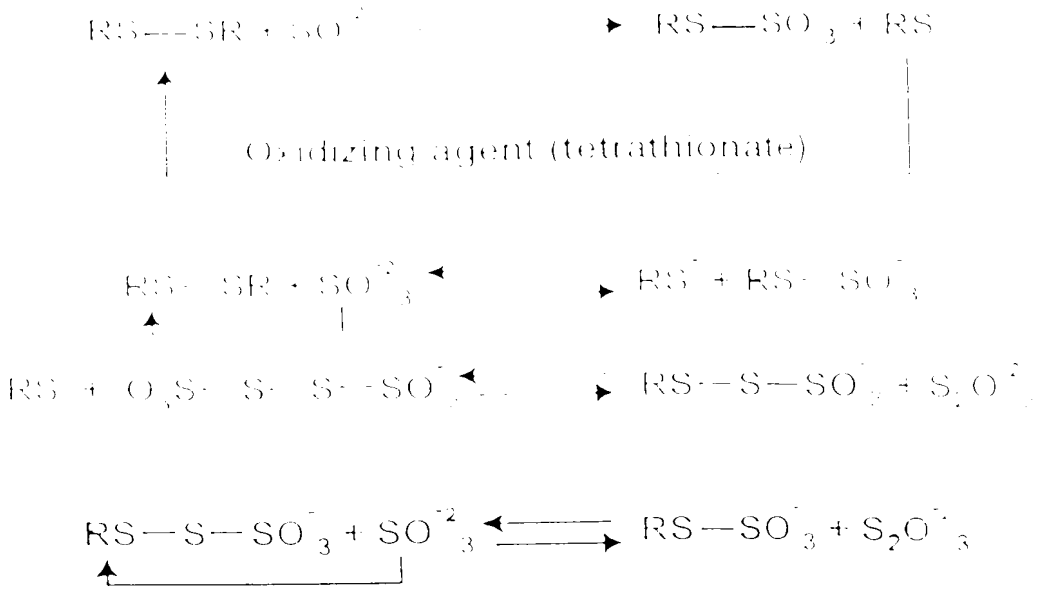
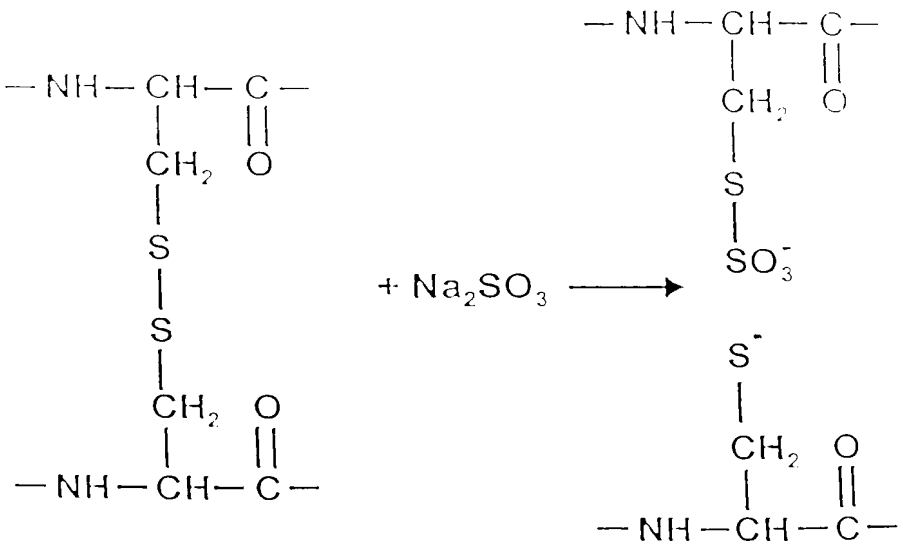


Proposed reaction for oxidative sulfitolysis

Figure 1A.



Cleavage of disulfide bond by sodium sulfite to form the S-sulfo derivative

Figure 1B.

Preparation and Washing of TnI-containing Inclusion Bodies

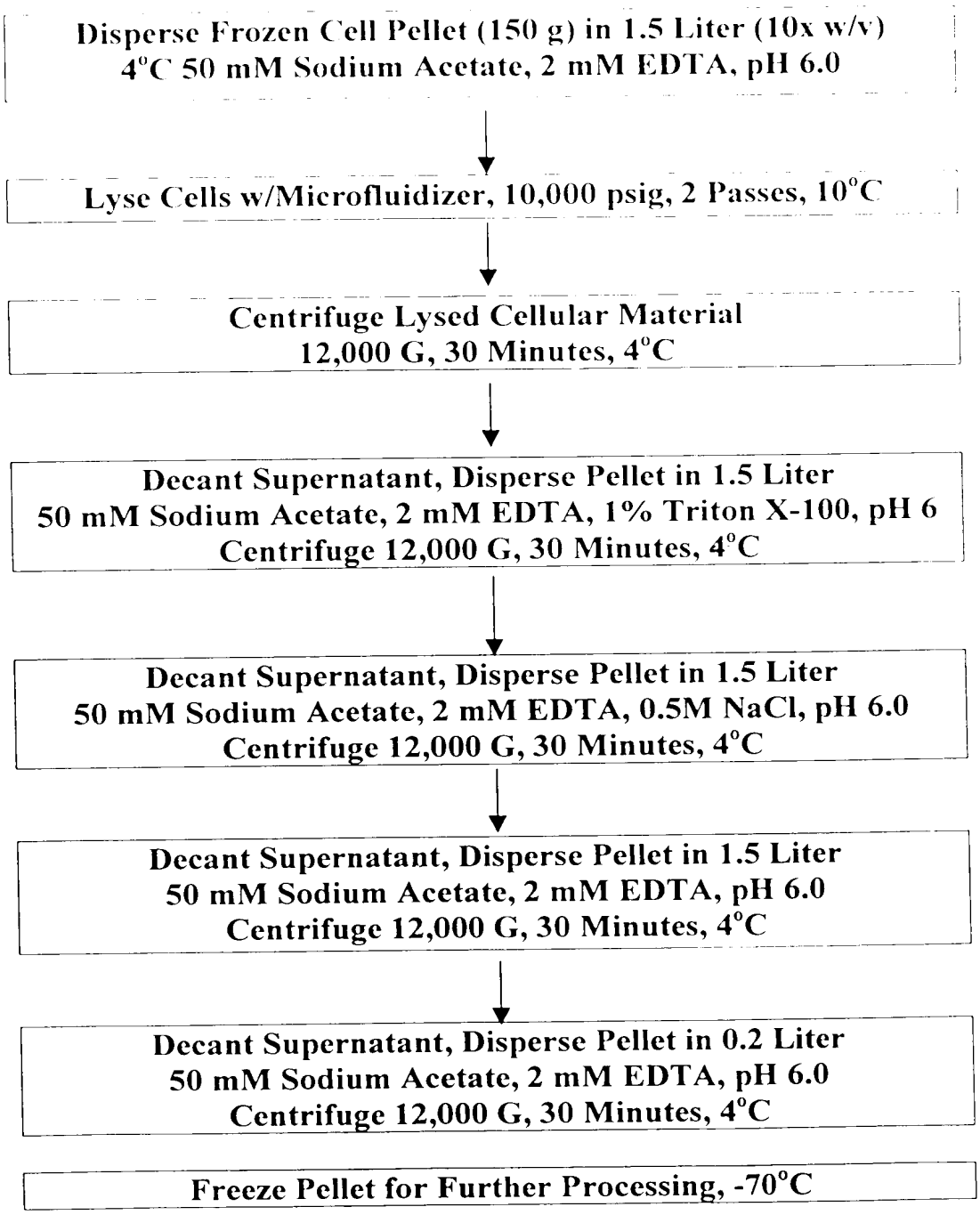


Figure 2

Summary of rTroponin-I Preparation – 3L5 (050900-051200)

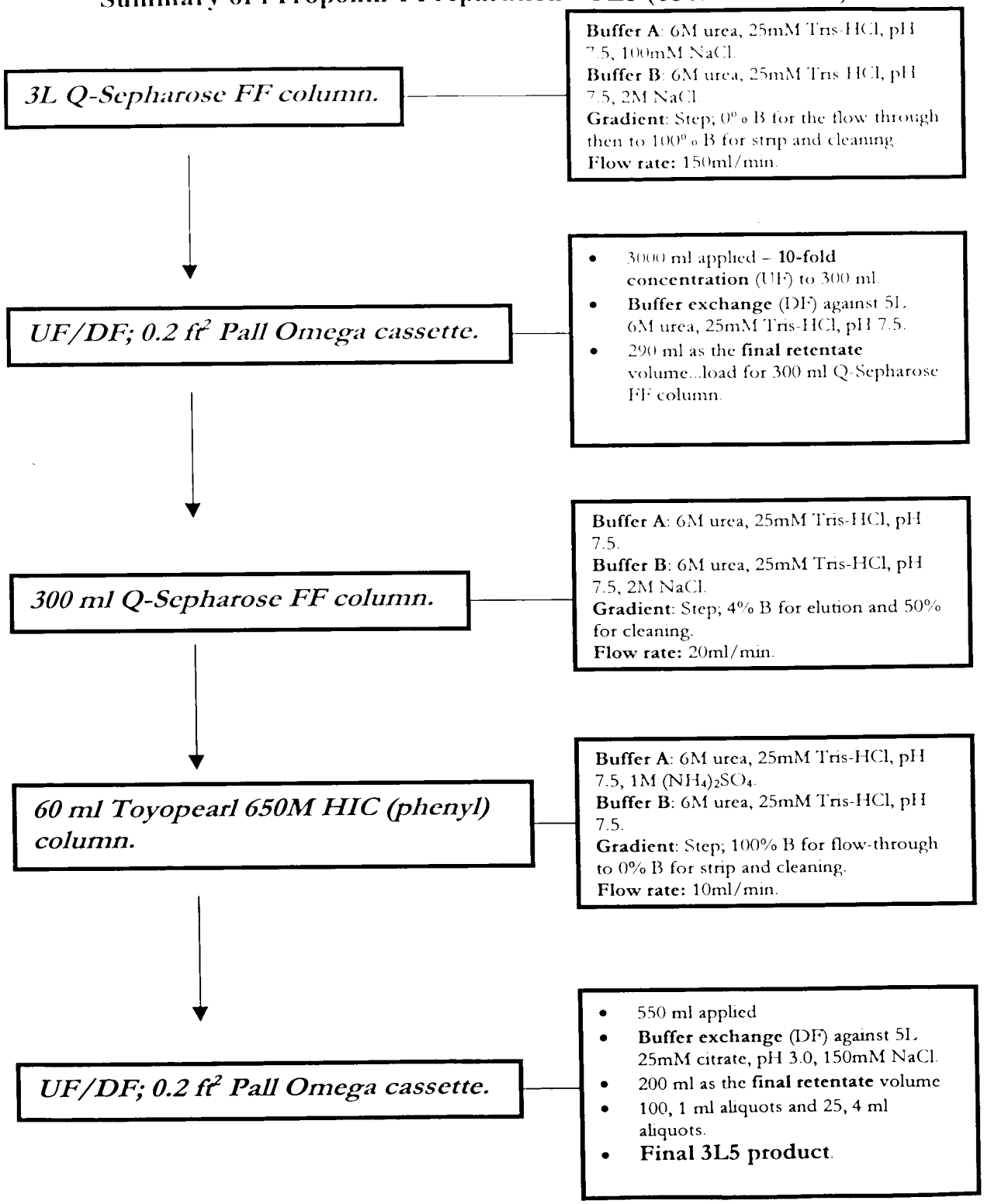


Figure 3

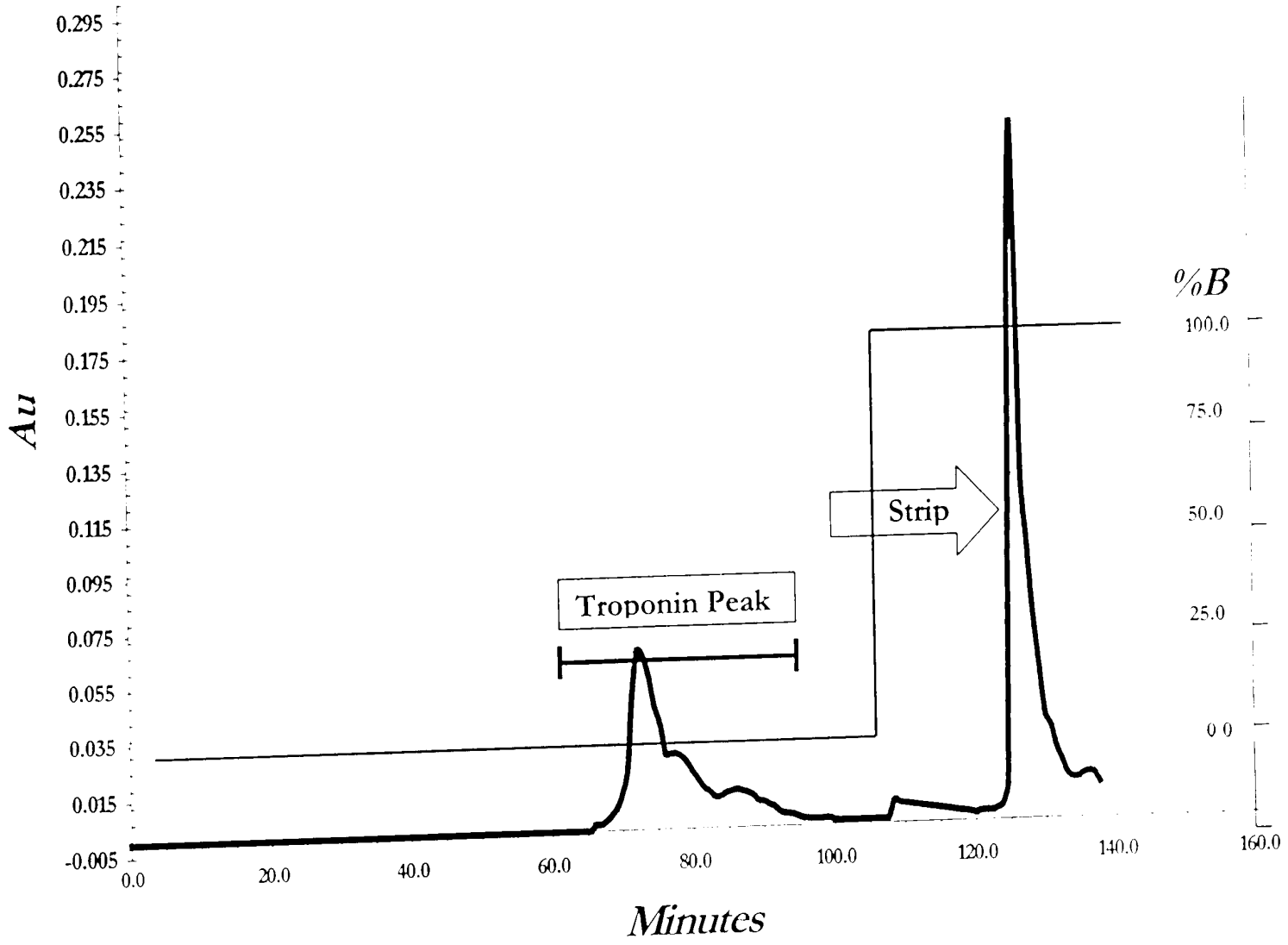

0.295
0.275
0.255
0.235
0.215
0.195
0.175
0.155
0.135
0.115
0.095
0.075
0.055
0.035
0.015
-0.005
Au
0.0
20.0
40.0
60.0
80.0
100.0
120.0
140.0
160.0
Minutes
%B
100.0
75.0
50.0
25.0
0 0
Strip
Troponin Peak

Figure 4

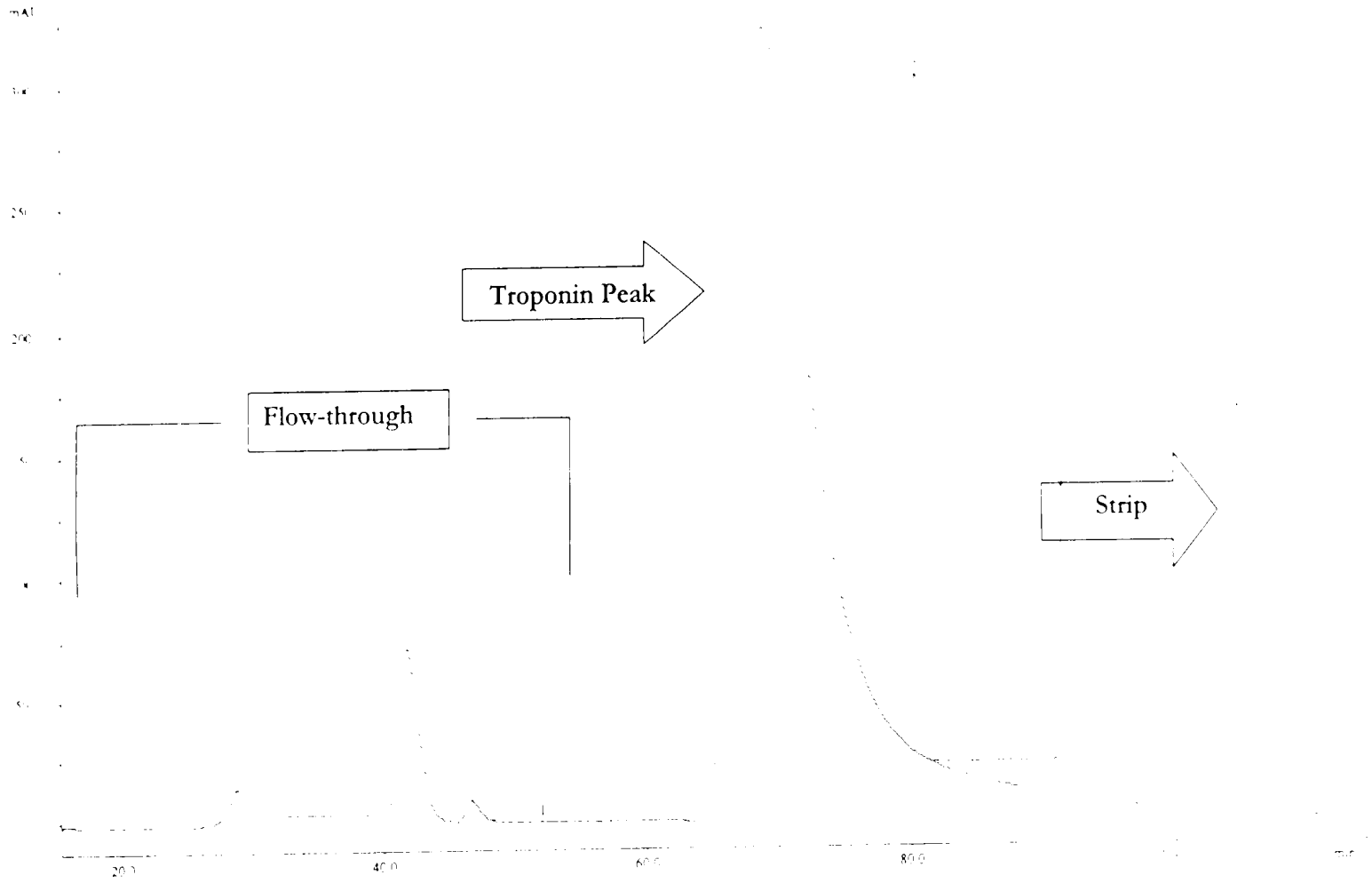


Figure 5

SDS-PAGE Analysis Troponin Lot 3L5

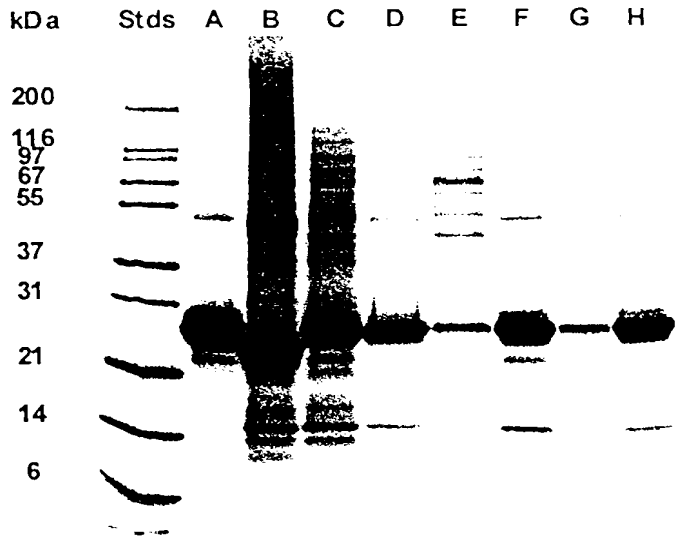


Figure 6

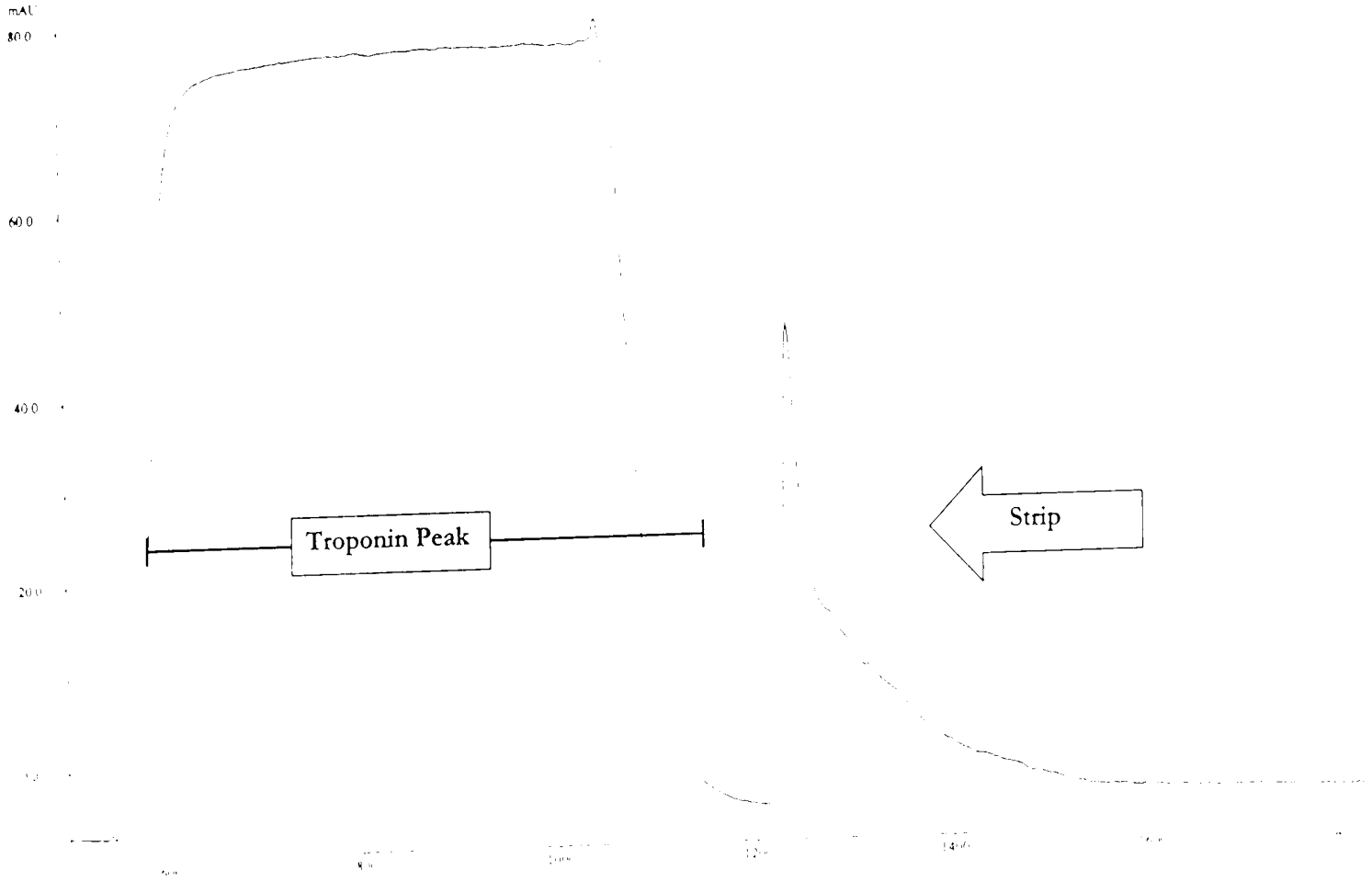


Figure 7

SDS-PAGE Analysis Troponin Lot 3L5
Hydrophobic Interaction Chromatography
16% Tris-glycine Gel, Non-reducing, 5/15/00

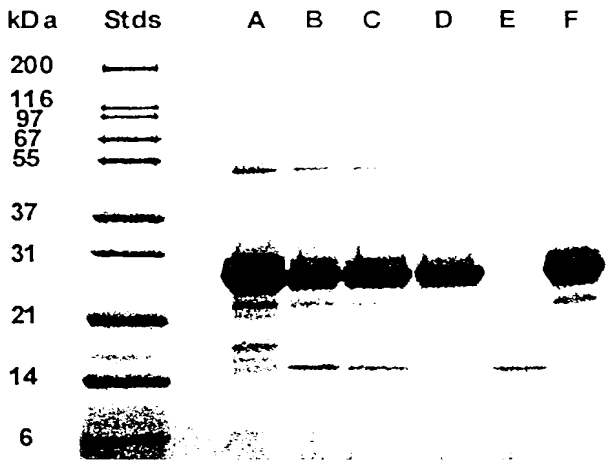


Figure 8

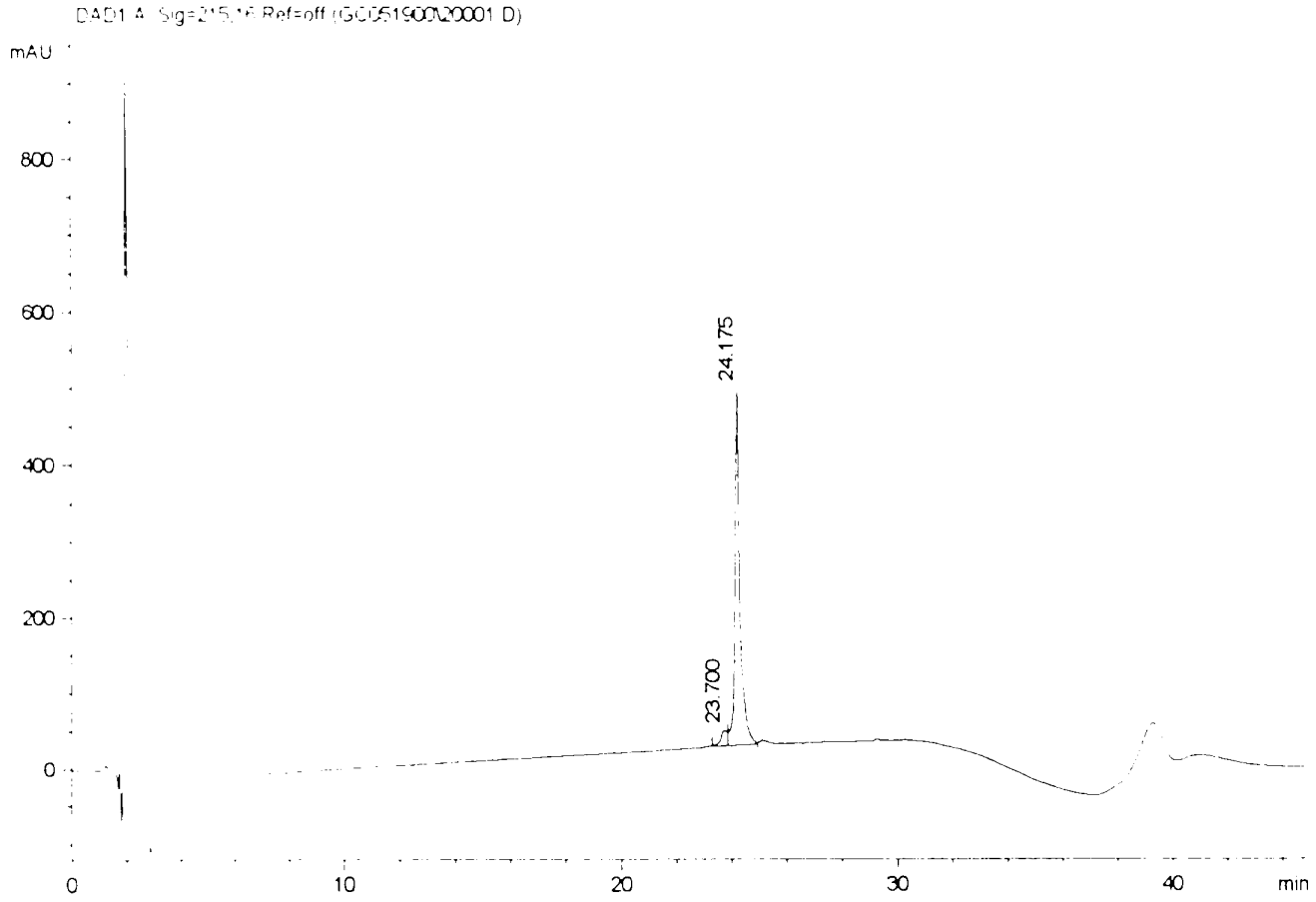
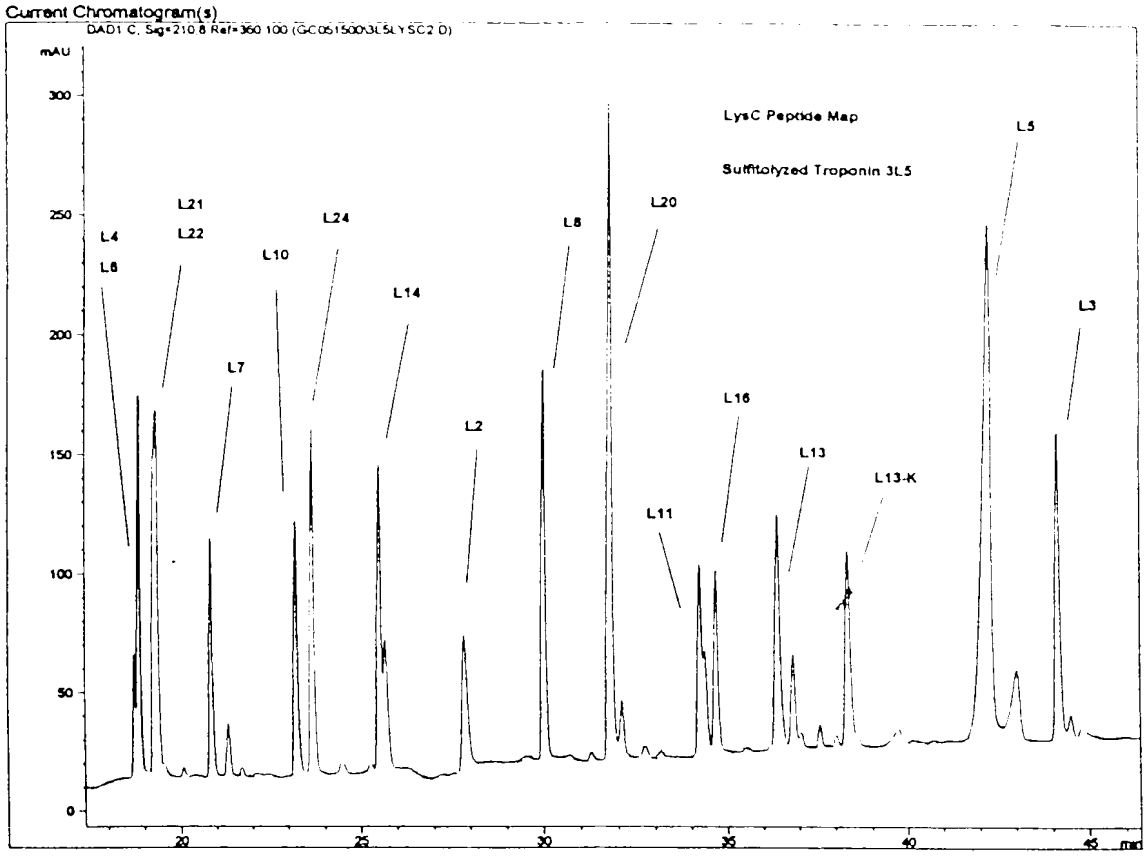


Figure 9



#	RC	Mass	Sequence
1	-2.1	707.28	- MGDEEK (1,6)
2	5.2	1618.96	- RNRAITARRQHLK (7,19)
3	30.9	1431.76	- SVMLQIAATELEK (20,32)
4	-4.8	1132.55	- EESRREAEK (33,41)
5	48.0	2824.26	- QNYLAEHCPPLHIPGSMSEVQELCK (42,66)
6	-1.8	595.34	- QLHAK (67,71)
7	5.1	903.42	- IDAAEEEK (72,79)
8	10.9	1166.58	- YDMEVRVQK (80,88)
9	-9.4	334.19	- TSK (89,91)
10	5.6	1005.44	- ELEDMNQK (92,99)
11	13.9	847.49	- LFDLRGK (100,106)
12	-1.7	293.17	- FK (107,108)
13	28.0	1896.07	- RPPLRRVRMSADAMLK (109,124)
14	8.0	587.36	- ALLGSK (125,130)
15	-11.9	283.16	- HK (131,132)
16	20.5	1161.60	- VCMDLRANLK (133,142)
17	-4.8	373.23	- QVK (143,145)
18	-9.8	146.11	- K (146,146)
19	-6.8	620.27	- EDTEK (147,151)
20	15.7	1543.79	- ERDLRDVGDWRK (152,163)
21	-0.8	631.32	- NIEEK (164,168)
22	-4.4	763.36	- SGMEGRK (169,175)
23	-9.8	146.11	- K (176,176)
24	7.7	728.27	- MFESES (177,182)

Figure 10


1 2 3 4 5 6 7 8 9 10
Sulfitolyzed Troponin
Desulfitolyzed Troponin

Figure 11